

Converting Colors

XYZ(30.7005, 28.1233, 28.1893)

Have a look what the booklet for
XYZ(30.7005, 28.1233, 28.1893)
contains.

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Color

**XYZ(30.7797, 28.1907,
28.2452)**

Conversions

Conversions Part 1

Format	Color
Hex	AE878B
RGB	174, 135, 139
RGB Percent	68%, 53%, 55%
CMY	0.3176, 0.4706, 0.4549
CMYK	0.00, 0.22, 0.20, 0.32
HSL	354°, 19%, 61%
HSV	354°, 22%, 68%
XYZ	30.7797, 28.1907, 28.2452
YIQ	147.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

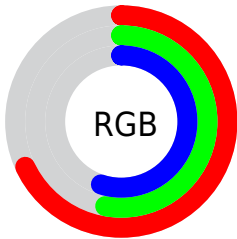
Format	Color
R_YB	174, 135, 139
Decimal	11437963
CIE _{Lab}	60.06, 15.51, 3.59
CIE _{LCh}	60, 15.918, 13.018
Yxy	28.1907, 0.3529, 0.3232
Android (android.graphics.Color)	4289628043 (0xFFAE878B)
YUV	147.1170, -4.0017, 23.5764
Hunter-Lab	53.0949, 10.5623, 5.6256

Details

The XYZ color **30.7797, 28.1907, 28.2452** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3845, 38.3259, 43.7228**, and the grayscale version is **27.7919, 29.2392, 31.8415**.

A 20% lighter version of the original color is **60.1308, 56.5952, 57.6239**, and **12.9368, 11.2832, 10.9472** is the 20% darker color. If you saturate the color by 10%, you get **27.4868, 23.3023, 21.9144**, and if you desaturate by 10%, it is **34.6339, 33.9404, 35.5681**.

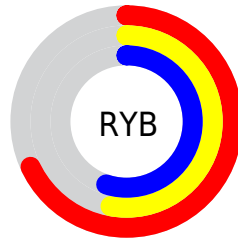
Distribution



Red (68%)

Green (53%)

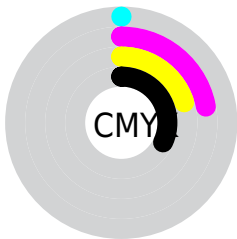
Blue (55%)



Red (68%)

Yellow (53%)

Blue (55%)

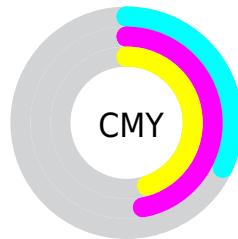


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7797, 28.1907, 28.2452 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.7797, 28.1907, 28.2452 by changing the saturation by 10% instead.

■ 30.7797, 28.1907,
28.2452

■ 30.7797, 28.1907,
28.2452

297.3671,
293.3770, 307.5854

■ 20.5822, 18.4695,
18.2699

■ 60.2713, 56.7888,
57.9035

■ 12.9296, 11.2876,
10.9725

■ 80.2960, 76.4344,
78.4236

■ 7.4568, 6.2606,
5.9344

■ 104.3272,
100.1569, 103.2957

■ 3.7982, 3.0042,
2.7371

132.7302,
128.3407, 132.9384

■ 1.5886, 1.1339,
0.9620

165.8703,
161.3703, 167.7701

■ 0.3850, 0.0067,
0.0000

204.1129,

■ 0.0000, 0.0000,

199.6299, 208.2095

0.0000

247.8234,
243.5040, 254.6751

■ 30.7797, 28.1907,
28.2452

■ 30.7797, 28.1907,
28.2452

■ 27.4868, 23.3023,
21.9144

■ 34.6339, 33.9404,
35.5681

■ 24.7268, 19.2301,
16.5311

■ 39.0716, 40.5861,
43.9212

■ 22.4723, 15.9307,
12.0503

■ 44.1165, 48.1650,
53.3431

■ 20.6924, 13.3551,
8.4224

■ 49.7902, 56.7115,
63.8696

■ 19.3528, 11.4490,
5.5931

■ 56.1135, 66.2578,
75.5349

■ 18.4148, 10.1499,
3.5016

■ 63.1060, 76.8350,
88.3719

■ 17.8325, 9.3839,
2.0786

■ 70.2083, 87.3158,
102.2192

■ 17.5634, 9.0418,
1.3847

■ 71.2656, 87.7387,
107.7869

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.7031, 28.1907, 34.0766



30.7797, 28.1907, 28.2452



29.7504, 28.1907, 23.6832

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.7797, 28.1907, 28.2452



24.2190, 28.1907, 23.2264



25.6706, 28.1907, 42.6741

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.7797, 28.1907, 28.2452



32.3845, 38.3259, 43.7228

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.0410, 28.1907, 38.9695



30.7797, 28.1907, 28.2452



23.2324, 28.1907, 27.5447

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.7797, 28.1907, 28.2452



25.9248, 28.1907, 21.0418



23.1689, 28.1907, 33.2823



27.6832, 28.1907, 42.9238

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.7797, 28.1907, 28.2452



28.6045, 28.1907, 21.7726



23.1689, 28.1907, 33.2823



25.0624, 28.1907, 41.7721

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.7805, 28.1920, 28.2458



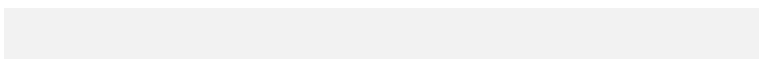
66.9440, 67.7313, 72.2909



32.7637, 28.8701, 43.8902



14.7754, 14.8988, 15.8724



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.7805, 28.1920, 28.2458



52.6817, 46.4534, 45.1962



32.7279, 32.5457, 27.4803



8.0374, 8.0282, 8.5076



12.7499, 6.5625, 1.0625



0.3651, 0.1867, 0.0843

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.7805, 28.1920, 28.2458



52.6817, 46.4534, 45.1962



30.0394, 33.0214, 44.8350



8.0374, 8.0282, 8.5076



12.7499, 6.5625, 1.0625



0.3651, 0.1867, 0.0843

Previews

White Background



This preview shows how the XYZ color 30.7797, 28.1907, 28.2452 looks on a white background.

Color Contrast Check

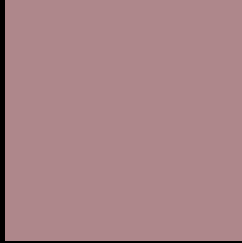
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 30.7797, 28.1907, 28.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

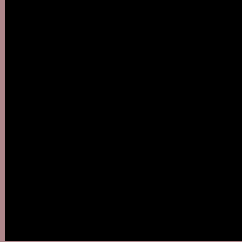
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7797, 28.1907, 28.2452

Background



This preview shows how black text looks on a background with the XYZ color 30.7797, 28.1907, 28.2452.



This preview shows how white text looks on a background with the XYZ color 30.7797, 28.1907,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.7797, 28.1907, 28.2452

Protanopia

27.2200, 28.2560, 30.4049

Deuteranopia

28.8658, 28.2725, 27.9805



Tritanopia

31.2383, 28.1778, 30.1780

Trichromacy



Original Color

30.7797, 28.1907, 28.2452

Protanomaly

28.3120, 28.1708, 29.5365

Deuteranomaly

29.4018, 28.1189, 27.9226

Tritanomaly

31.0868, 28.1171, 29.3799

Monochromacy



Original Color

30.7797, 28.1907, 28.2452

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.7611, 28.8266, 30.4338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7797, 28.1907, 28.2452 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 135, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 135, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 135, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 135, 139) }
```

Border

The CSS property to change the border of an element to XYZ 30.7797, 28.1907, 28.2452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

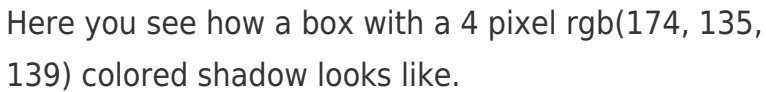
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 135, 139) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 135, 139) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(174, 135, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 135, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 135, 139); box-shadow:4px 4px 4px 4px rgb(174, 135, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7797, 28.1907, 28.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 135, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
135, 139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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